

**AUTOMATIC AREA CODE DETECTOR AND DIALER FOR  
AUTOMATICALLY SELECTING, PREPARING AND  
ENTERING SUPPLEMENTAL INFORMATION TO  
COMPLETE AN ADDRESS**

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**ABSTRACT**

The present invention comprises four principal elements: (1) a telephone instrument; (2) a computer; (3) an automatic dialer; and (4) a telephone line. These elements allow for automatic dialing of local and long distance calls in the United States, as well as automatic dialing of international calls. The automatic dialing feature is accomplished, in part, by implementing a computerized data base grouped in *N* - files. These files may be searched by the computer system during and after the caller dials a number. If the dialed number matches one of the numbers in the files, the system may automatically out-dial the dialed number. The present invention also relates to a system for automatically selecting, preparing and entering supplemental information to information entered to completed or change an alphabetic, alphanumeric or numeric address.

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